

ABSTRACT OF THE DISCLOSURE

There is provided a method for driving a piezoelectric transformer in which a driving efficiency and the reliability in terms of withstand power and distortion can be enhanced by suppressing a higher order vibration mode
5 exited by a harmonic component other than a driving frequency included in a driving signal of the piezoelectric transformer without using an inductive element. The driving signal applied to a primary side electrode of the piezoelectric transformer is a signal in a rectangular waveform having a time
10 period δT in which a level is a maximum potential (2V) or a minimum potential (0), obtained by multiplying a period T of the driving signal by a predetermined time ratio δ . The time ratio δ is set to be smaller than 0.5 and so as to minimize a sum of ratios of amplitudes of respective higher order vibration modes with respect to an amplitude of a vibration mode exciting the piezoelectric transformer.